

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028059.D
 Acq On : 05 Oct 2023 21:32
 Operator : MA/JU
 Sample : 04527-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 06 01:37:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5319	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	15451	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.578	164	9343	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.337	188	16959	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.530	240	14506	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	16327	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	34383	5.146	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	8179	0.329	ng/ul	-0.02
18) Fluoranthene-d10	19.371	212	10752	0.234	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.806	128	403233	9.193	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	149833	5.412	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	230159	8.034	ng/ul	99
11) Acenaphthene	14.643	153	61433	1.821	ng/ul	99
12) Fluorene	15.628	166	41165	1.097	ng/ul#	94
15) Phenanthrene	17.380	178	199054	3.938	ng/ul#	92
16) Anthracene	17.472	178	13429	0.297	ng/ul#	24
19) Fluoranthene	19.399	202	85061	1.536	ng/ul#	85
20) Pyrene	19.762	202	113262	1.973	ng/ul#	77
21) Benzo(a)anthracene	21.513	228	16726	0.316	ng/ul#	1
22) Chrysene	21.542	228	81761m	1.529	ng/ul	
24) Benzo(b)fluoranthene	23.234	252	13675m	0.226	ng/ul	
25) Benzo(k)fluoranthene	23.269	252	7129m	0.118	ng/ul	
26) Benzo(a)pyrene	23.889	252	8595	0.167	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.582	276	4316	0.069	ng/ul#	48
29) Benzo(g,h,i)perylene	27.397	276	6305	0.123	ng/ul#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

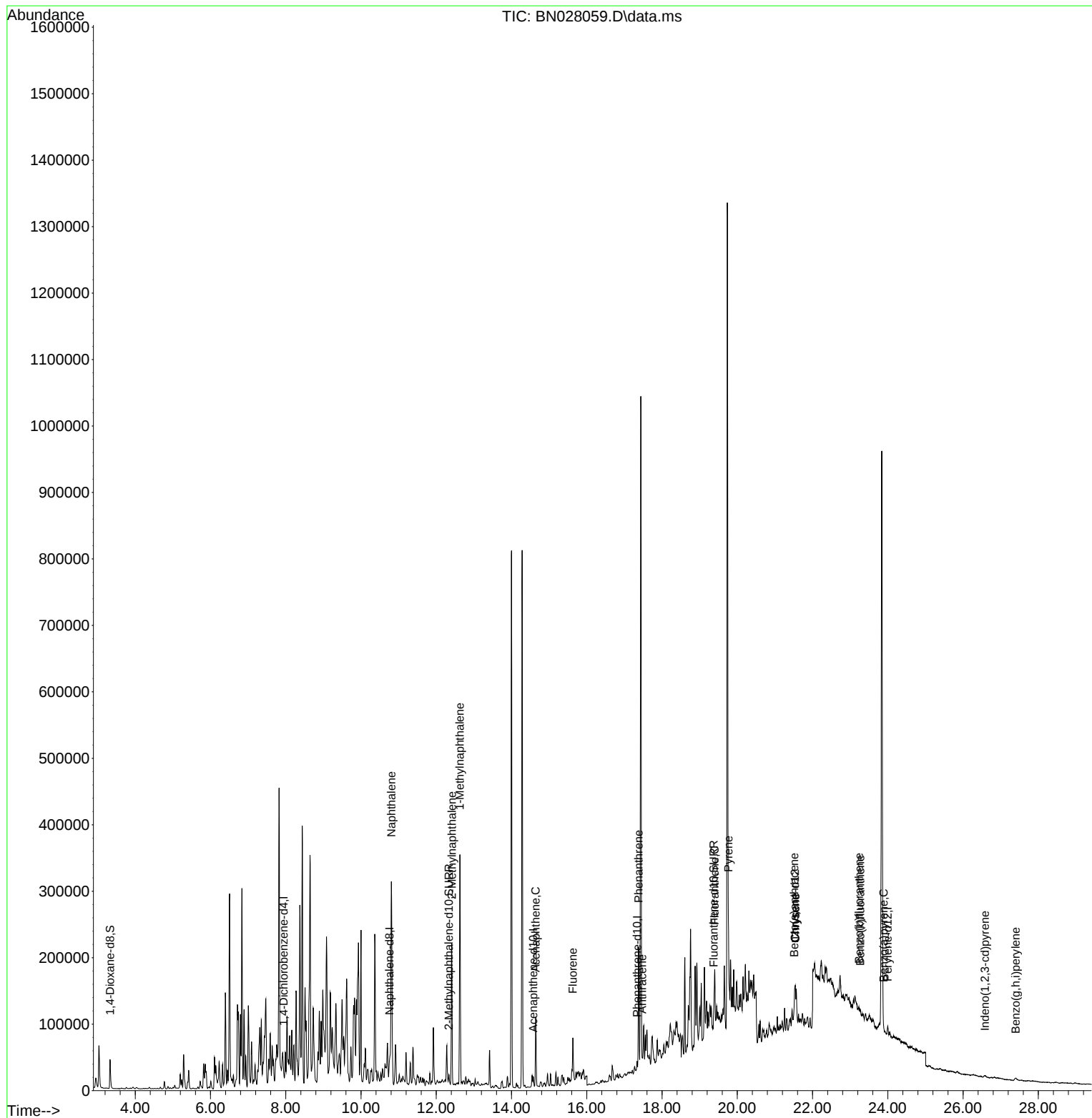
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028059.D
Acq On : 05 Oct 2023 21:32
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Sample : 04527-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

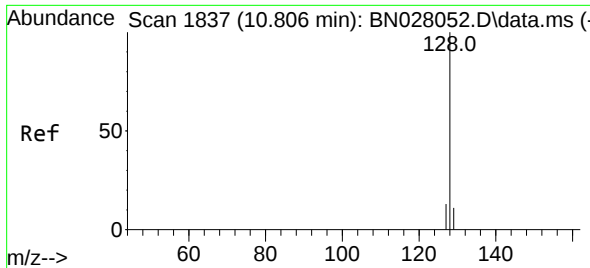
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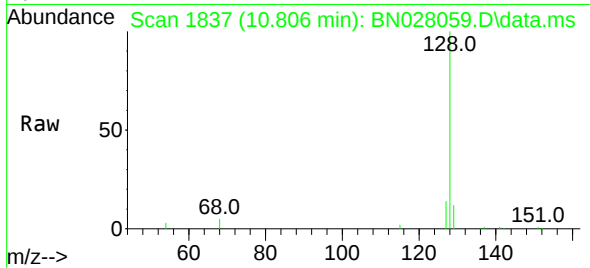
Quant Time: Oct 06 01:37:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 9.193 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

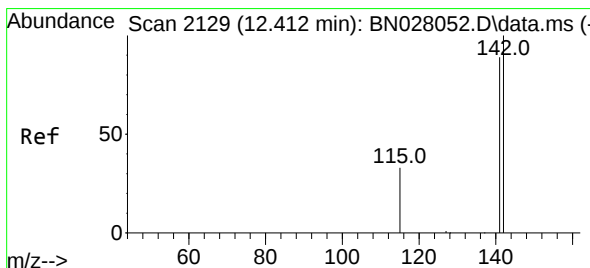
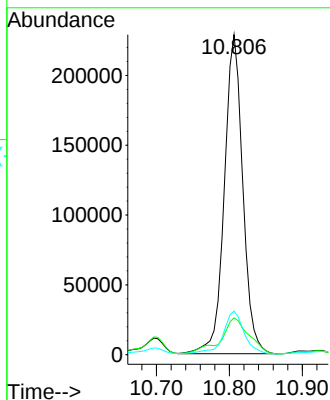
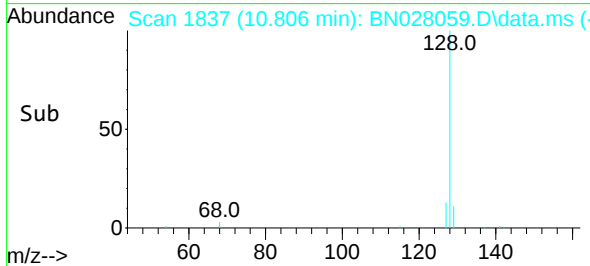
Instrument :
BNA_N
ClientSampleId :
EZYK7



Tgt Ion:128 Resp: 403233
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.6 11.0 16.4

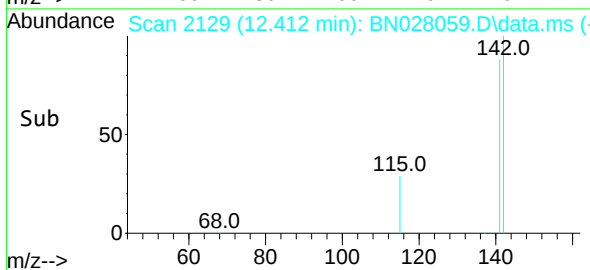
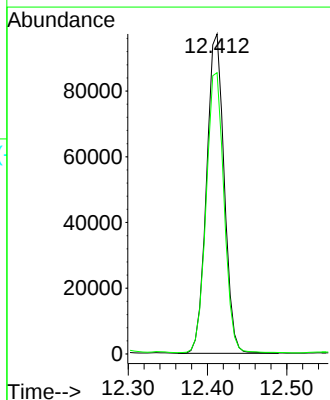
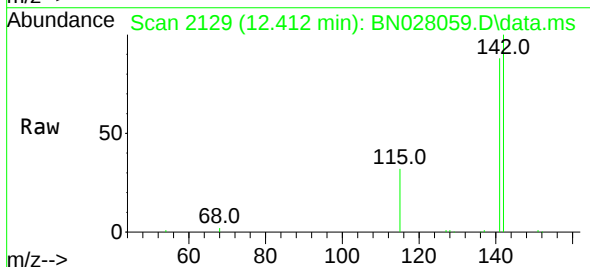
Manual Integrations
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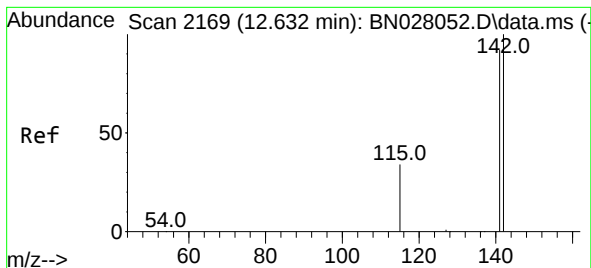
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#7
2-Methylnaphthalene
Concen: 5.412 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

Tgt Ion:142 Resp: 149833
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3





#8

1-Methylnaphthalene

Concen: 8.034 ng/ul

RT: 12.627 min Scan# 2168

Delta R.T. -0.017 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7

Tgt Ion:142 Resp: 23015

Ion Ratio Lower Upper

142 100

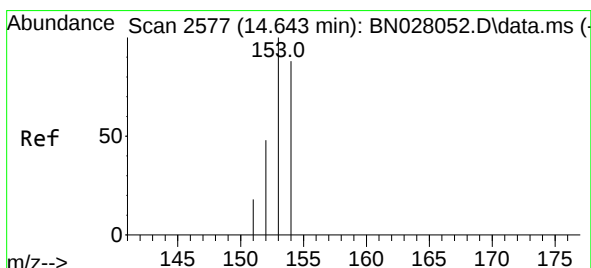
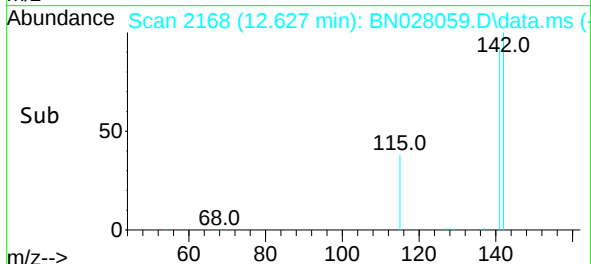
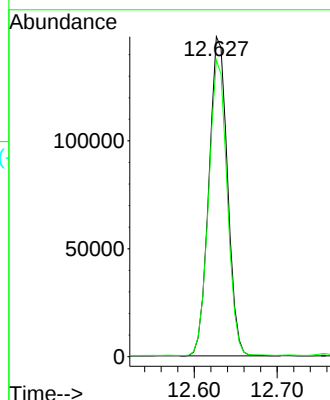
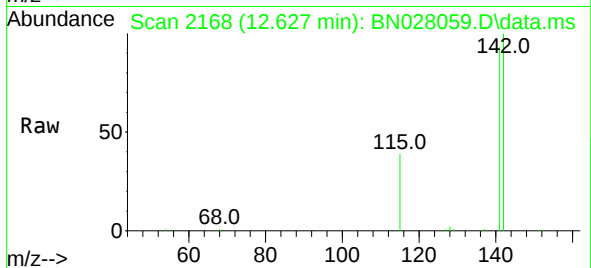
141 92.3 74.4 111.6

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#11

Acenaphthene

Concen: 1.821 ng/ul

RT: 14.643 min Scan# 2577

Delta R.T. -0.014 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

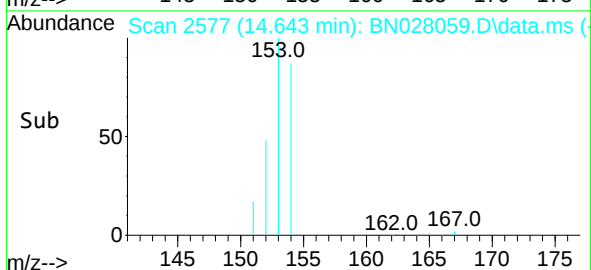
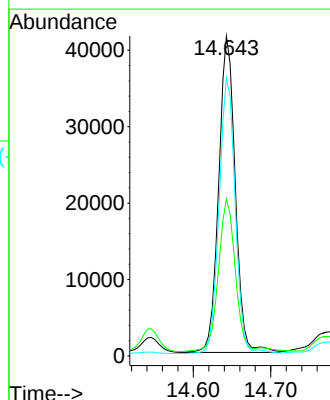
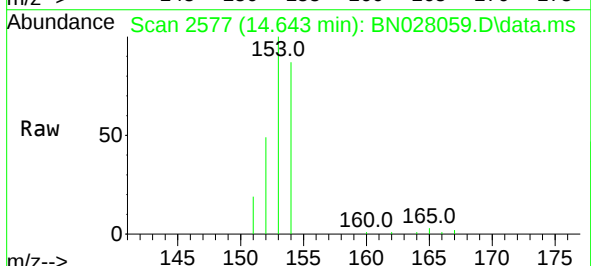
Tgt Ion:153 Resp: 61433

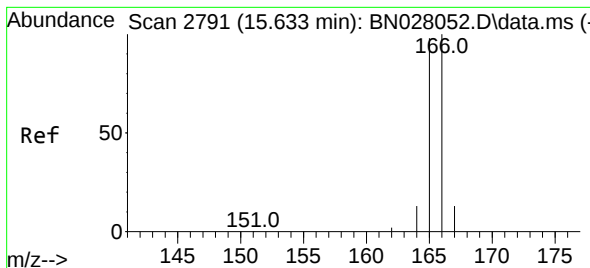
Ion Ratio Lower Upper

153 100

152 49.1 39.4 59.0

154 86.9 70.2 105.4





#12

Fluorene

Concen: 1.097 ng/ul

RT: 15.628 min Scan# 21

Delta R.T. -0.014 min

Lab File: BN028059.D

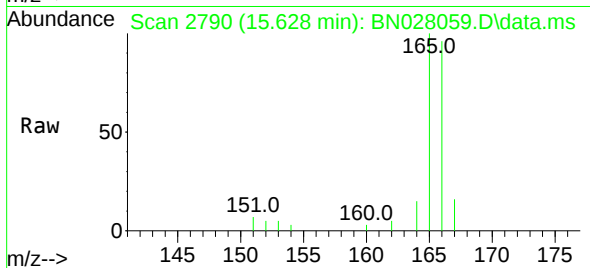
Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7



Tgt Ion:166 Resp: 4116

Ion Ratio Lower Upper

166 100

165 104.0 78.5 117.7

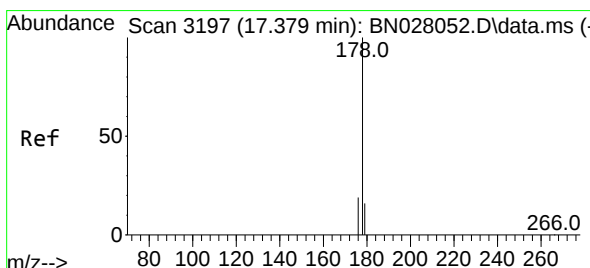
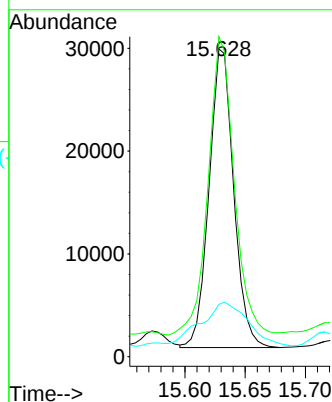
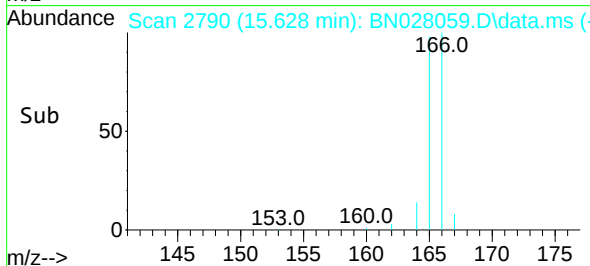
167 17.0 11.2 16.8

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#15

Phenanthrene

Concen: 3.938 ng/ul

RT: 17.380 min Scan# 3197

Delta R.T. -0.008 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

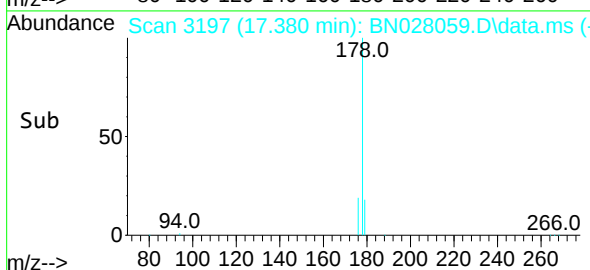
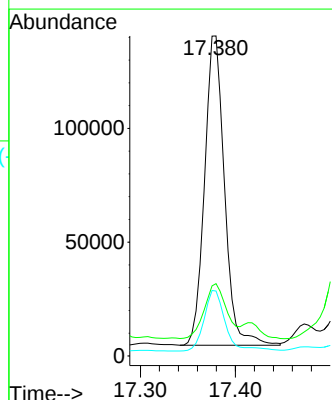
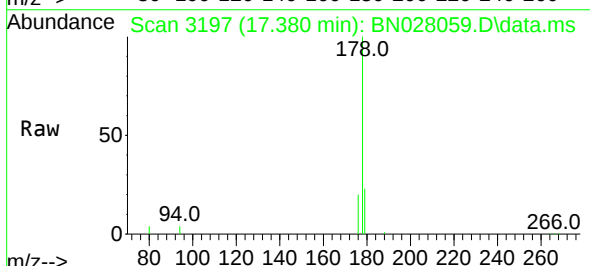
Tgt Ion:178 Resp: 199054

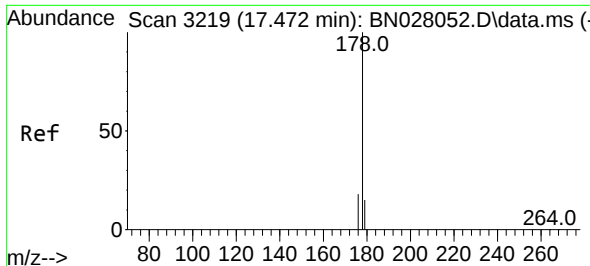
Ion Ratio Lower Upper

178 100

179 22.6 12.6 19.0#

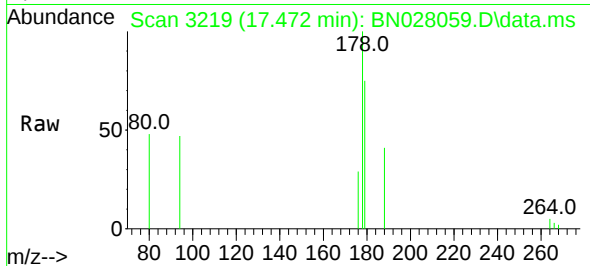
176 20.3 15.5 23.3





#16
 Anthracene
 Concen: 0.297 ng/ul
 RT: 17.472 min Scan# 3219
 Delta R.T. -0.008 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32

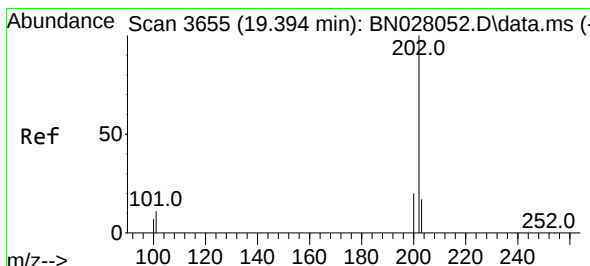
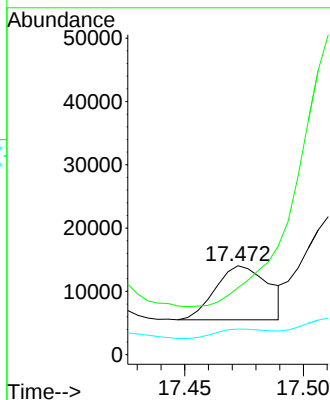
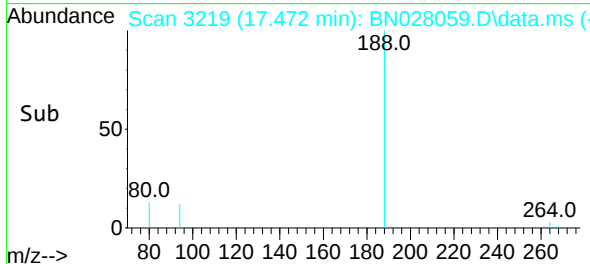
Instrument :
 BNA_N
 ClientSampleId :
 EZYK7



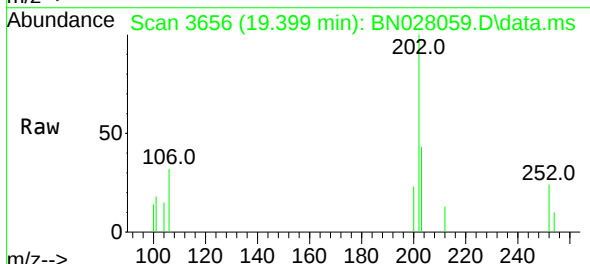
Tgt Ion:178 Resp: 13429
 Ion Ratio Lower Upper
 178 100
 179 75.1 12.8 19.2#
 176 28.7 15.0 22.6#

Manual Integrations
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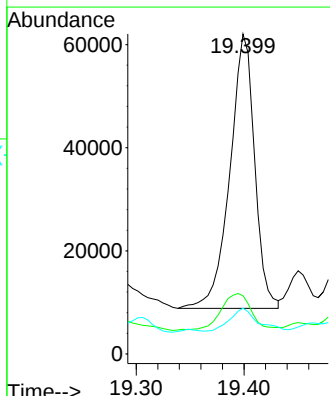
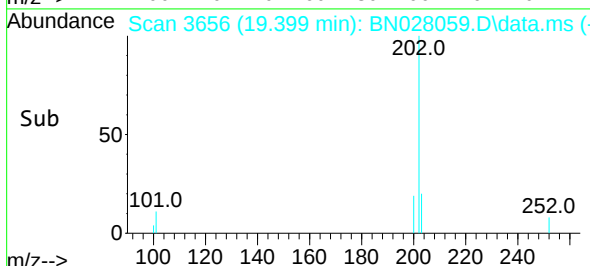
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 Supervised By :mohammad ahmed 10/06/2023

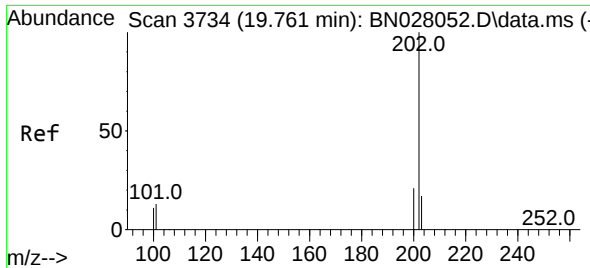


#19
 Fluoranthene
 Concen: 1.536 ng/ul
 RT: 19.399 min Scan# 3656
 Delta R.T. -0.004 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32



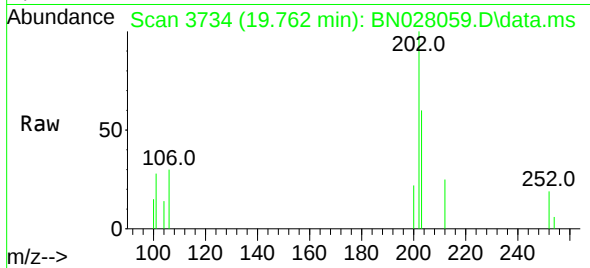
Tgt Ion:202 Resp: 85061
 Ion Ratio Lower Upper
 202 100
 101 18.2 9.6 14.4#
 100 14.3 7.4 11.0#





#20
Pyrene
Concen: 1.973 ng/ul
RT: 19.762 min Scan# 311
Delta R.T. -0.009 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

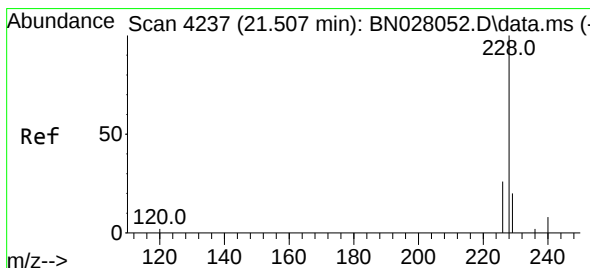
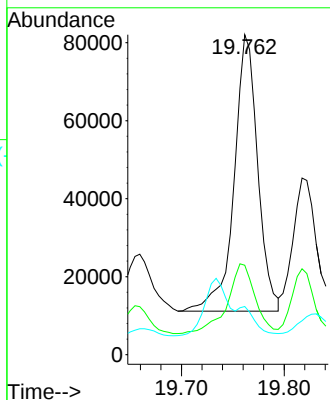
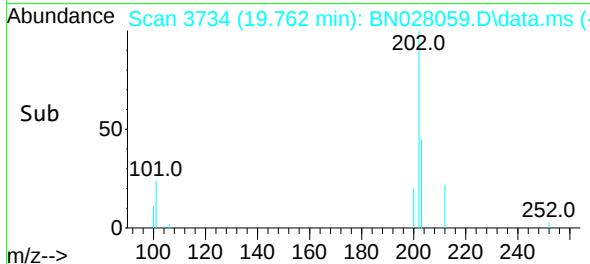
Instrument :
BNA_N
ClientSampleId :
EZYK7



Tgt Ion:202 Resp: 11326
Ion Ratio Lower Upper
202 100
101 27.9 11.2 16.8#
100 15.1 9.1 13.7#

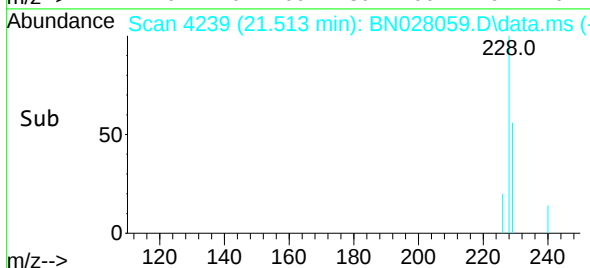
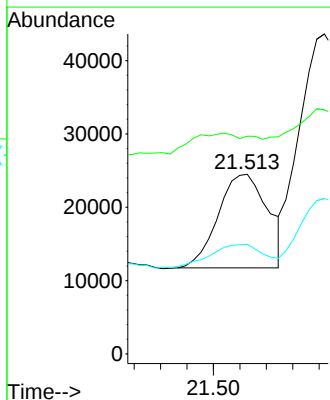
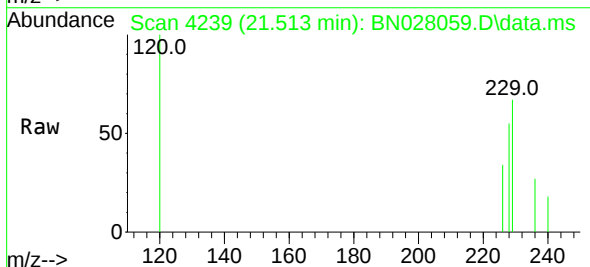
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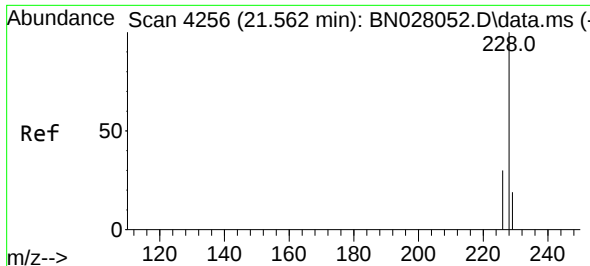
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. -0.006 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

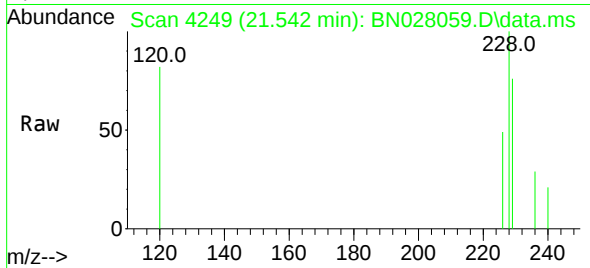
Tgt Ion:228 Resp: 16726
Ion Ratio Lower Upper
228 100
229 121.2 16.0 24.0#
226 61.0 21.5 32.3#





#22
Chrysene
Concen: 1.529 ng/ul m
RT: 21.542 min Scan# 4256
Delta R.T. -0.032 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

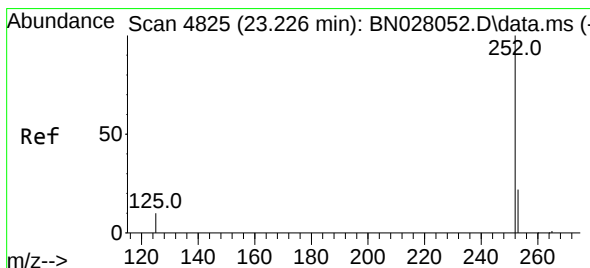
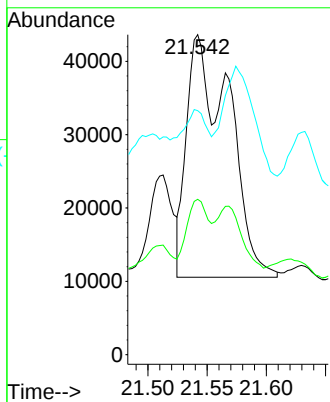
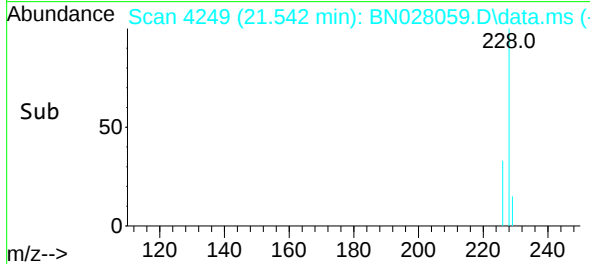
Instrument :
BNA_N
ClientSampleId :
EZYK7



Tgt Ion:228 Resp: 8176
Ion Ratio Lower Upper
228 100
226 48.6 23.8 35.8
229 76.3 16.0 24.0

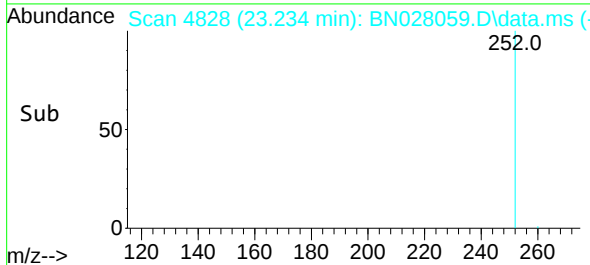
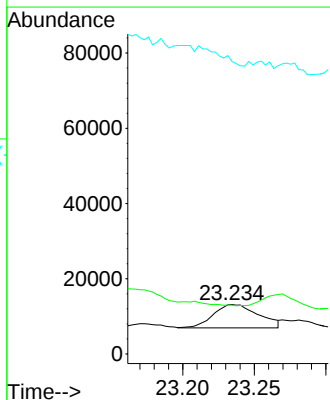
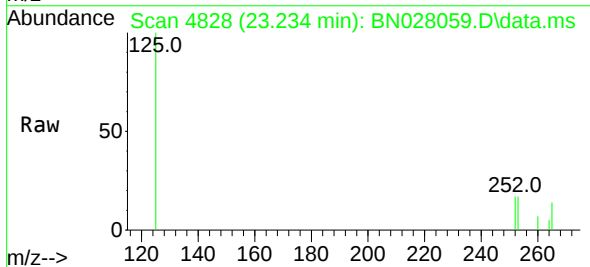
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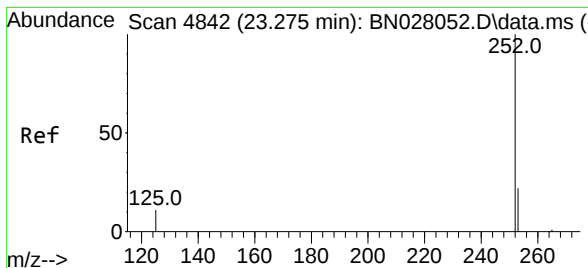
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#24
Benzo(b)fluoranthene
Concen: 0.226 ng/ul m
RT: 23.234 min Scan# 4828
Delta R.T. -0.006 min
Lab File: BN028059.D
Acq: 05 Oct 2023 21:32

Tgt Ion:252 Resp: 13675
Ion Ratio Lower Upper
252 100
253 98.8 0.0 54.0#
125 592.2 0.0 31.4#





#25

Benzo(k)fluoranthene

Concen: 0.118 ng/ul m

RT: 23.269 min Scan# 4842

Delta R.T. -0.020 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

Instrument :

BNA_N

ClientSampleId :

EZYK7

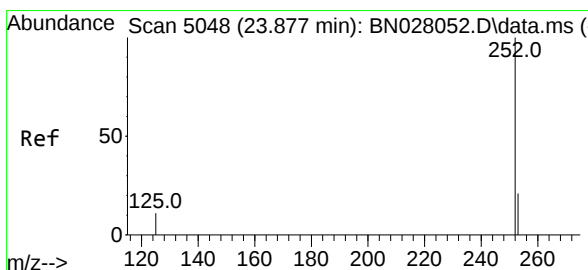
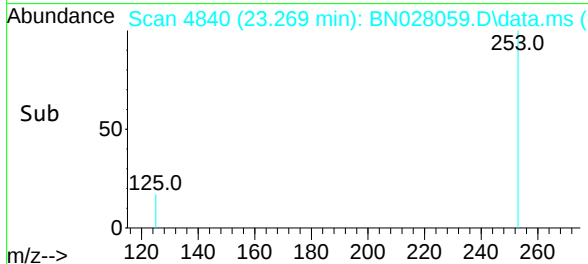
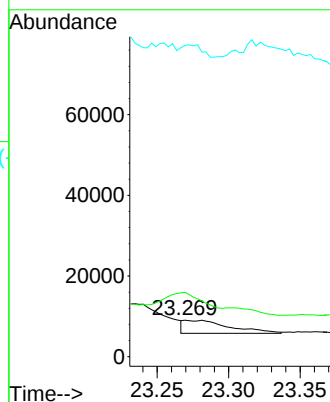
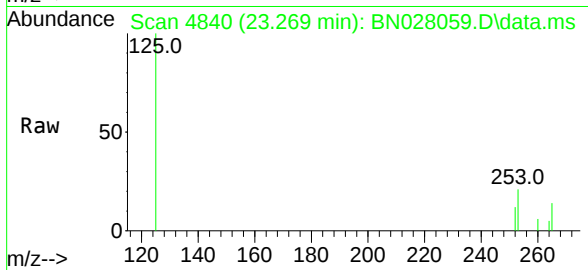
Tgt Ion:252 Resp: 7129
 Ion Ratio Lower Upper
 252 100
 253 176.3 21.8 32.8#
 125 852.8 12.8 19.2#

Manual Integrations

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Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/06/2023



#26

Benzo(a)pyrene

Concen: 0.167 ng/ul

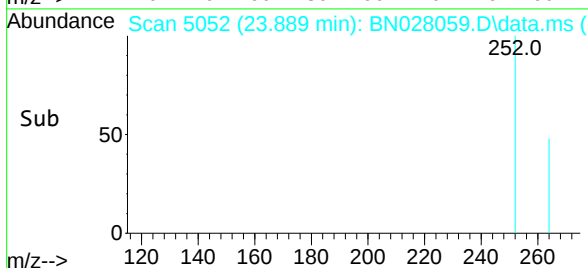
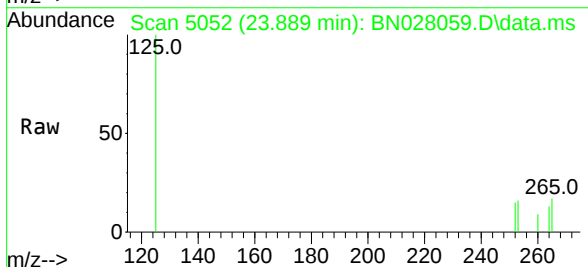
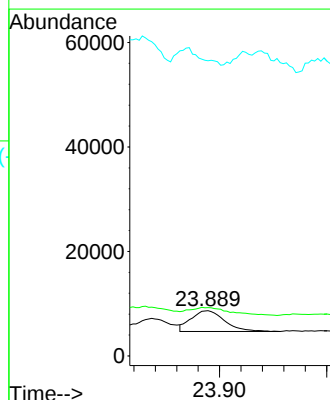
RT: 23.889 min Scan# 5052

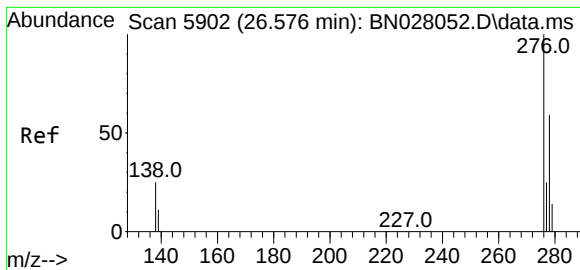
Delta R.T. -0.006 min

Lab File: BN028059.D

Acq: 05 Oct 2023 21:32

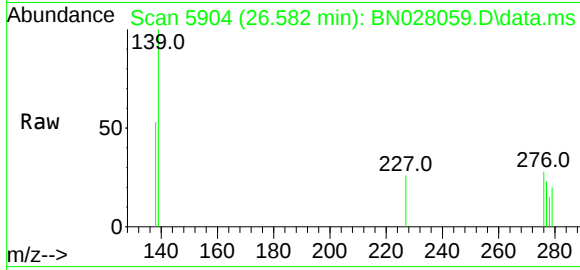
Tgt Ion:252 Resp: 8595
 Ion Ratio Lower Upper
 252 100
 253 106.8 23.4 35.2#
 125 652.3 15.3 22.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.069 ng/ul
 RT: 26.582 min Scan# 5904
 Delta R.T. -0.020 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32

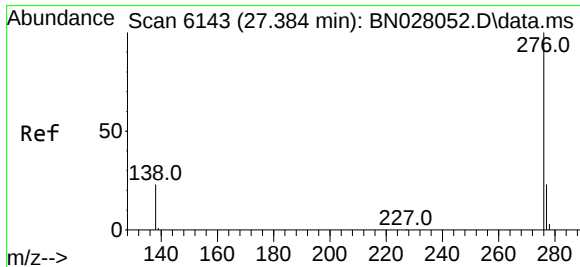
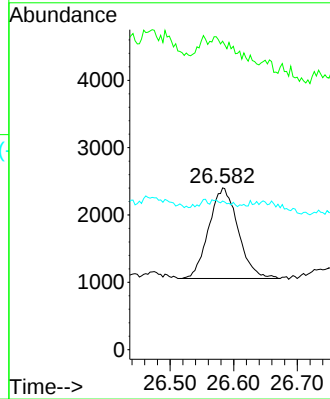
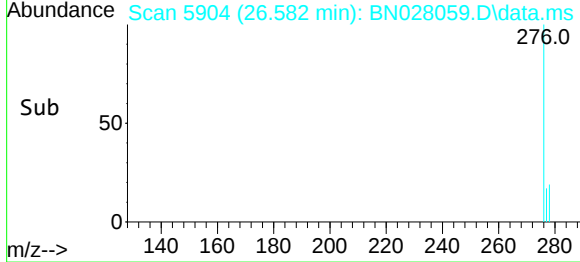
Instrument :
 BNA_N
 ClientSampleId :
 EZYK7



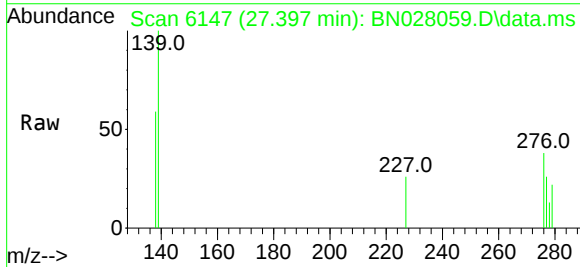
Tgt Ion:276 Resp: 4310
 Ion Ratio Lower Upper
 276 100
 138 0.0 21.6 32.4#
 227 3.3 0.2 0.2#

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023



#29
 Benzo(g,h,i)perylene
 Concen: 0.123 ng/ul
 RT: 27.397 min Scan# 6147
 Delta R.T. -0.023 min
 Lab File: BN028059.D
 Acq: 05 Oct 2023 21:32



Tgt Ion:276 Resp: 6305
 Ion Ratio Lower Upper
 276 100
 138 156.8 19.8 29.6#
 277 67.8 20.6 31.0#

